

## Psychological model of a person dedicated to his profession

Sadovaya V., Korchagina G.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

### Abstract

© 2016 Korchagina. The purpose of this study was to examine science teachers' level of using computers in teaching and the impact of a teacher professional development program (TPDP) on their views regarding utilizing computers in science education. Forty-three in-service science teachers from different regions of Turkey attended a 5 day TPDP. The TPDP was structured in modules designed using inquiry-based interactive computer simulations (IBICS). The participants created modules on different science subjects during the TPDP. Their progression was evaluated by micro-teaching sessions. Mixed methods research was used. The data were gathered by a survey and semi-structured interviews. Findings indicate that most of the science teachers initially lacked the necessary skills and knowledge for using computers in teaching. However, after the TPDP majority of them developed positive views on using computers in teaching and learning. Also, for teachers the TPDP provided ways and methods of successful integration of ICTs in teaching.

<http://dx.doi.org/10.12973/ijese.2016.577a>

---

### Keywords

Identity, System of professional dedication, To be in demand